

EUROLAN MTP/MPO Breakout cable

Multimode OM4



Ordering information

Part number	E-number	Description
42H-40-08-M1-LC-003-01-M- 12		Eurolan MPO 12(8)-8xLC OM4 3m typ B
42H-40-08-M1-LC-005-01-M- 12		Eurolan MPO 12(8)-8xLC OM4 5m typ B
42H-40-08-M1-LC-007-01-M- 12		Eurolan MPO 12(8)-8xLC OM4 7m typ B
42H-40-08-M1-LC-010-01-M- 12		Eurolan MPO 12(8)-8xLC OM4 10m typ B

MTP/MPO breakout assemblies are used in parallel optics and duplex transmission cross connect systems to increase cable density between switch and server cabinets. Designed for highdensity fiber patching in data centers, they ensure peak performance throughout your local area network. Allow for rapid deployment of high-density, multi-port patch field connectivity for Storage Area Network (SAN) applications.

Features

- US Conec MTP® connector, Senko MPO Plus premium connector
- Corning Clearcurve® multimode fiber, SMF-28® Ultra optical fiber
- LC, SC, FC, ST connectors available
- OS2, OM4, OM3 available
- 0.35dB elite low loss connector
- Custom staggering options available on tails
- Factory terminated and tested
- Pulling eyes are provided as an option to protect the fiber ends during installation

Technical Specification

Construction	Description
Fiber Count	8-12
Fiber mode	Singlemode: OS2 9/125µm Multimode: OM4, OM3 50/125µm
Fiber Brand	Corning ClearCurve multimode fiber and SMF-28 Ultra optical fiber
Connector A	MTP Female, Male; MPO Female, Male
Connector Brand	US Conec MTP, Senko MPO
Connector B	LC, SC, FC, ST
Polarity	Type A, B, C
Cable Jacket Ratings	Plenum (OFNP), Low Smoke Zero Halogen (LSZH), Riser (PVC)

√ Standard:

- ROHS, CE (EN 50575 CPR) and ISO9001 Compliant
- EIA/TIA, Telecordia GR-326-CORE Standards
- IEC61754-7
- TIA 605-4 (FOCIS 5)

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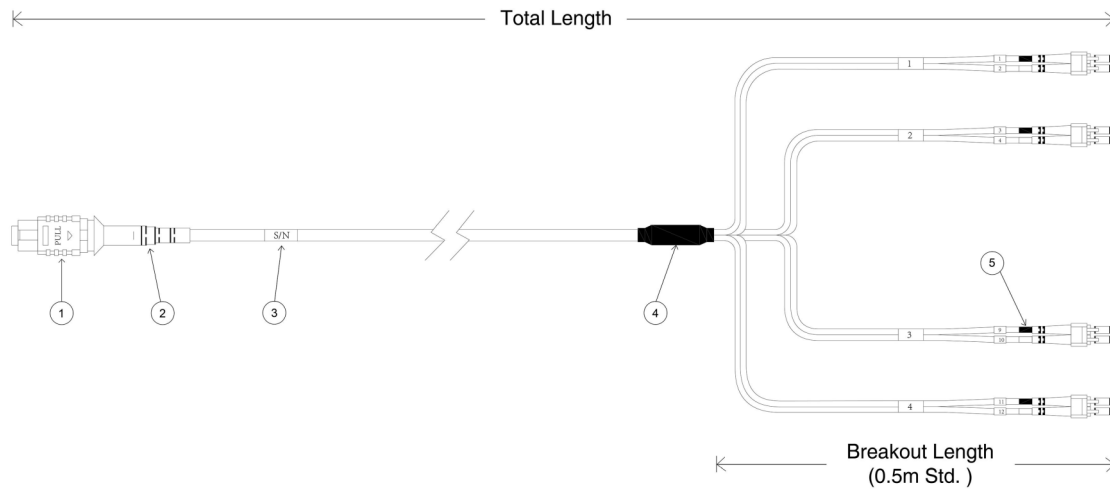
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Color Codes	MTP	MPO	LC
Cable jackets	OS2: Yellow OM4: Magenta OM3: Aqua	OS2: Yellow OM4: Magenta OM3: Aqua	OS2: Yellow OM4: Magenta OM3: Aqua
Connectors	OS2: Green OM4/OM3: Aqua	OS2: Green OM4/OM3: Aqua	Singlemode: UPC Blue, APC green Multimode: Beige

Physical Properties	Description
Cable diameter	3,0 mm
Breakout Leg	2,0 mm
Breakout Length	0,5 mm
Minimum Bend Radius	SM: 10,0 mm, MM: 7,5 mm
Operating Temperature	-10° C to + 70° C
Storage Temperature	-40° C to + 85° C
Construction	Description
Wavelength (nm)	SM: 1310/1550, MM: 850/1300
Transmission Distance	OM4: 150m at 40/100G, 400m at 10G OM3: 100m at 40/100G, 300m at 10G
Connector	MTP/MPO
Fiber Mode	Single Mode Multimode
Attenuation (dB/km)	≤0,32 at 1310nm ≤0,18 at 1550nm ≤2,3 at 850nm ≤0,6 at 1300nm
Insertion Loss (dB)	≤0,35 ≤0,35
Return Loss (dB)	APC: ≥60, UPC: ≥50 UPC: ≥20
Connector	LC/SC/FC/ST
Fiber Mode	Single Mode Multimode
Insertion Loss (dB)	APC: ≤0,3, UPC: ≤0,2 UPC: ≤0,2
Return Loss (dB)	APC: ≥65, UPC: ≥50 UPC: ≥30

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1. MTP/MPO Connector 2. Connector Boot 3. Serial Number Label 4. Fan Out Kit 5. LC Connector

